

CLAIMS

1. A pharmaceutical formulation for the prophylaxis or therapy of papillomavirus tumours, which comprises papillomavirus L2 protein or prophylactically or therapeutically effective fragment thereof in admixture with a pharmaceutically acceptable carrier.
2. A formulation according to claim 1 wherein the L2 protein is a bovine papillomavirus BPV-2 protein or fragment thereof.
3. A formulation according to claim 2 wherein the L2 protein fragment comprises substantially amino acids 90 to 467.
4. A formulation according to claim 1 wherein the L2 protein is a bovine papillomavirus BPV-4 protein or fragment thereof.
5. A formulation according to claim 1 in the form of an injectable formulation, wherein the carrier is a pharmaceutically acceptable injection vehicle.
6. A formulation according to claim 5 which further comprises an adjuvant.

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7. A formulation according to claim 1 wherein the L2 protein is present in the form of a fusion protein with a different co-protein.
8. A formulation according to claim 7 wherein the co-protein in the L2 fusion protein is beta-galactosidase.
9. A formulation according to claim 7 wherein the co-protein is glutathione S-transferase (GST).
10. A formulation according to claim 1 which further comprises papillomavirus E7 protein or effective fragment thereof.
11. A formulation according to claim 1 wherein the L2 protein or fragment thereof is produced by recombinant DNA techniques.
12. A transformed bacterial cell producing recombinant L2 protein or therapeutically effective fragment thereof.
13. Use of papillomavirus L2 protein or effective fragment thereof in medicine for the prophylaxis or therapy of papillomavirus tumours.

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14. Use of papillomavirus L2 protein or therapeutically effective fragment thereof in the production of a medicament for use in the prophylaxis or therapy of papillomavirus tumours.
15. A method of treating a mammal for the therapy of papillomavirus tumours, which comprises the administration of papillomavirus L2 protein or effective fragment thereof to the mammal in a prophylactically or therapeutically effective dosage.

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